

# Decision Support Briefing

## Southeast River Forecast Center



## Decision Support Briefing

### TS Zeta



**Issued:** 1:08 PM ET Monday, October 26, 2020



Weather Ready Nation



NWSSERFC



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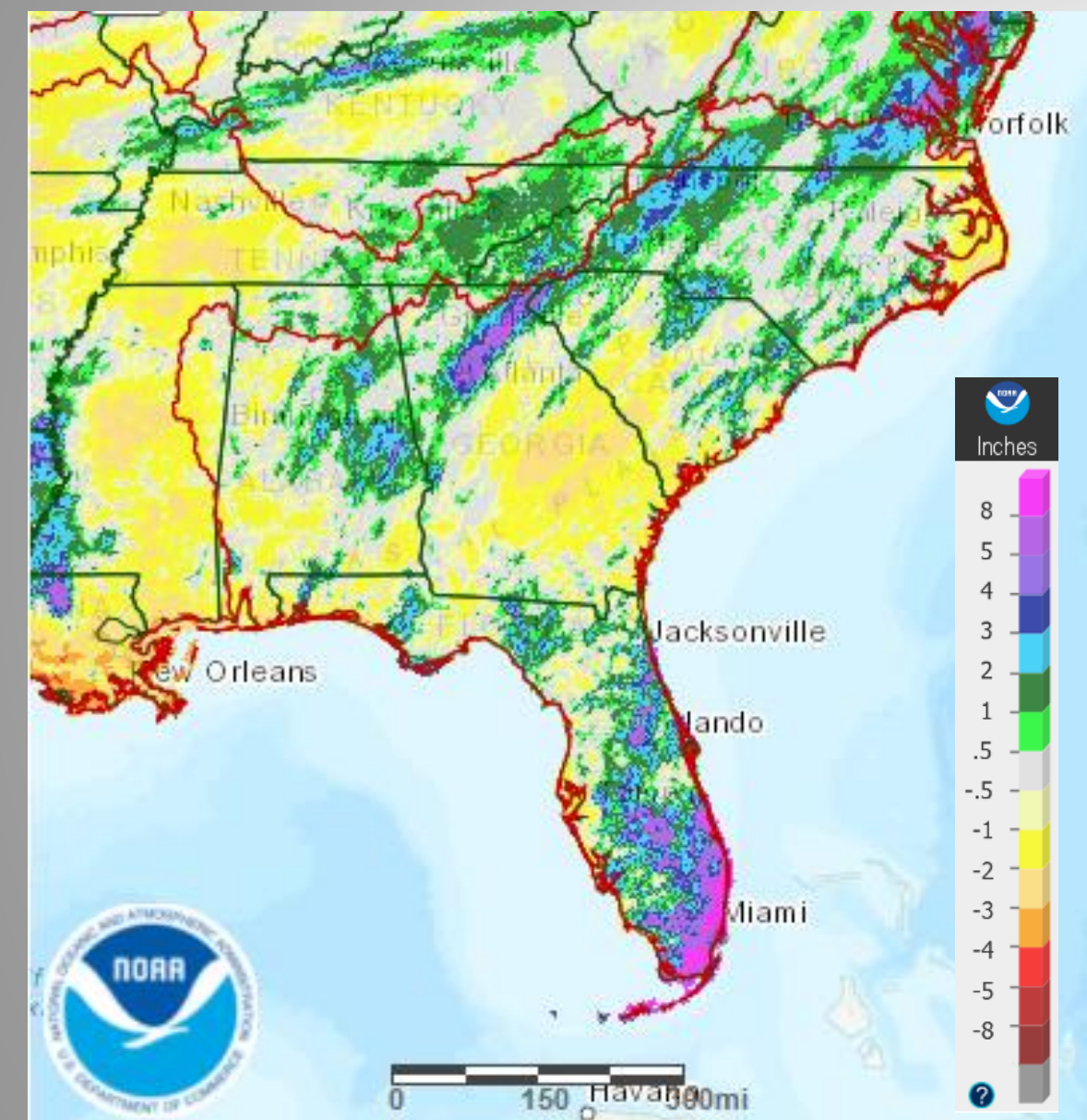


- **Zeta is forecast to approach the northern Gulf Coast Wednesday evening and is expected to move quickly through the southeast U.S. moving off the mid-Atlantic coast overnight Thursday.**
- **Expected rainfall totals of 2 to 4 inches with isolated amounts of 6 inches possible from the Alabama Gulf Coast through parts of eastern Mississippi, Alabama, northern Georgia and into the Carolinas.**
- **The forecast of track and strength remains uncertain for Zeta, and this will have an impact on the overall rainfall forecast and flooding potential. Please continue to monitor your local weather forecast office for updated information.**

# Past 30-day rainfall departures from normal

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Here are the departures from normal for the past 30-days of rainfall. Areas from central Alabama through Atlanta and along the Appalachian Mountains have had above normal rainfall. These areas would be most vulnerable to flash flooding and river flooding as Zeta moves inland.

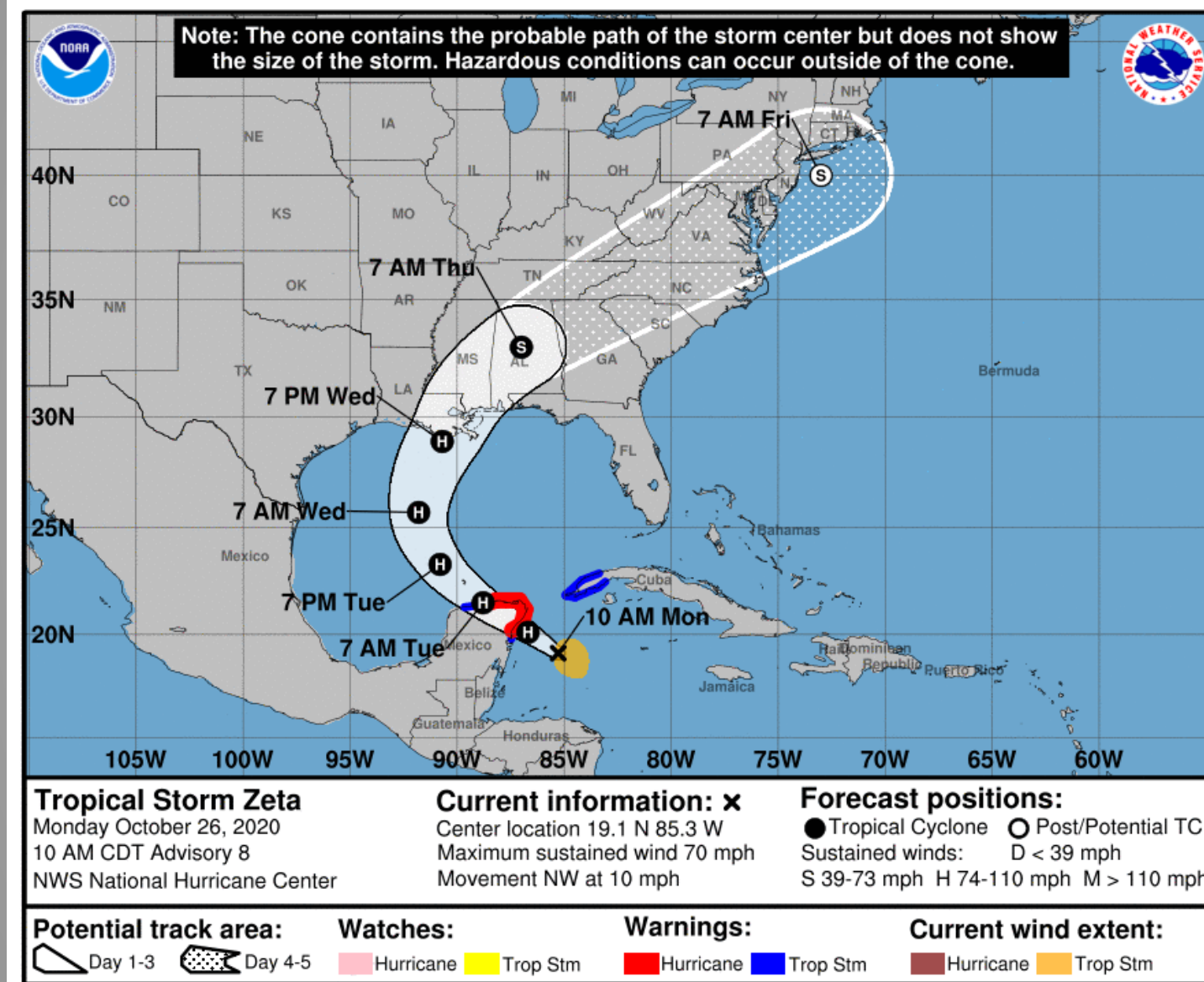


# Tropical Storm Zeta

Zeta should affect the Southeast by midweek

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The latest forecast for Tropical Storm Zeta is to move northwestward into the Gulf of Mexico, and then turn northward as it interacts with a continental low pressure system.

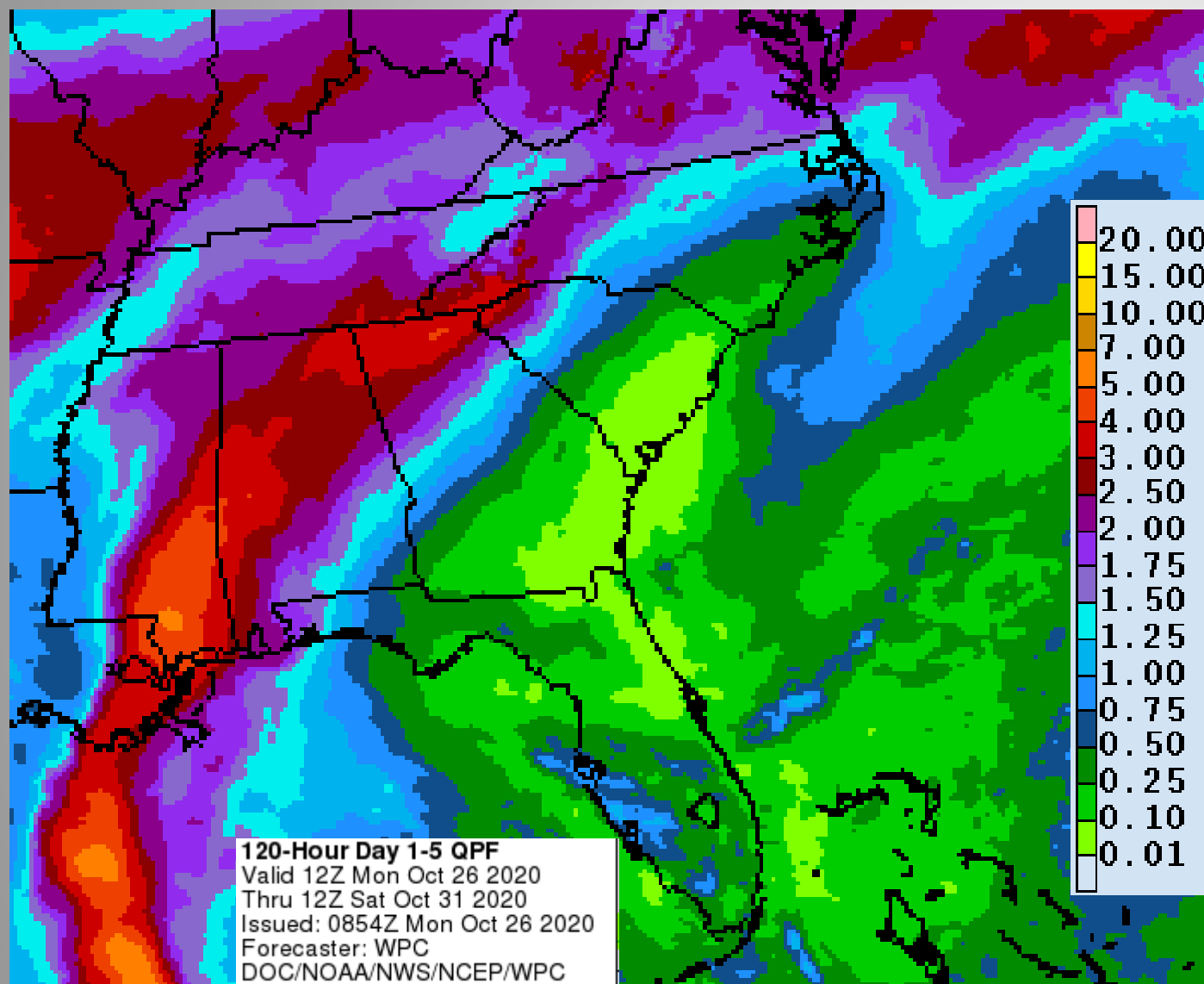
It is expected to be a fast moving storm once it makes landfall along the gulf coast. This should help limit the rainfall totals.

# Southeast Heavy Rain Threat

Heavy Rainfall by midweek

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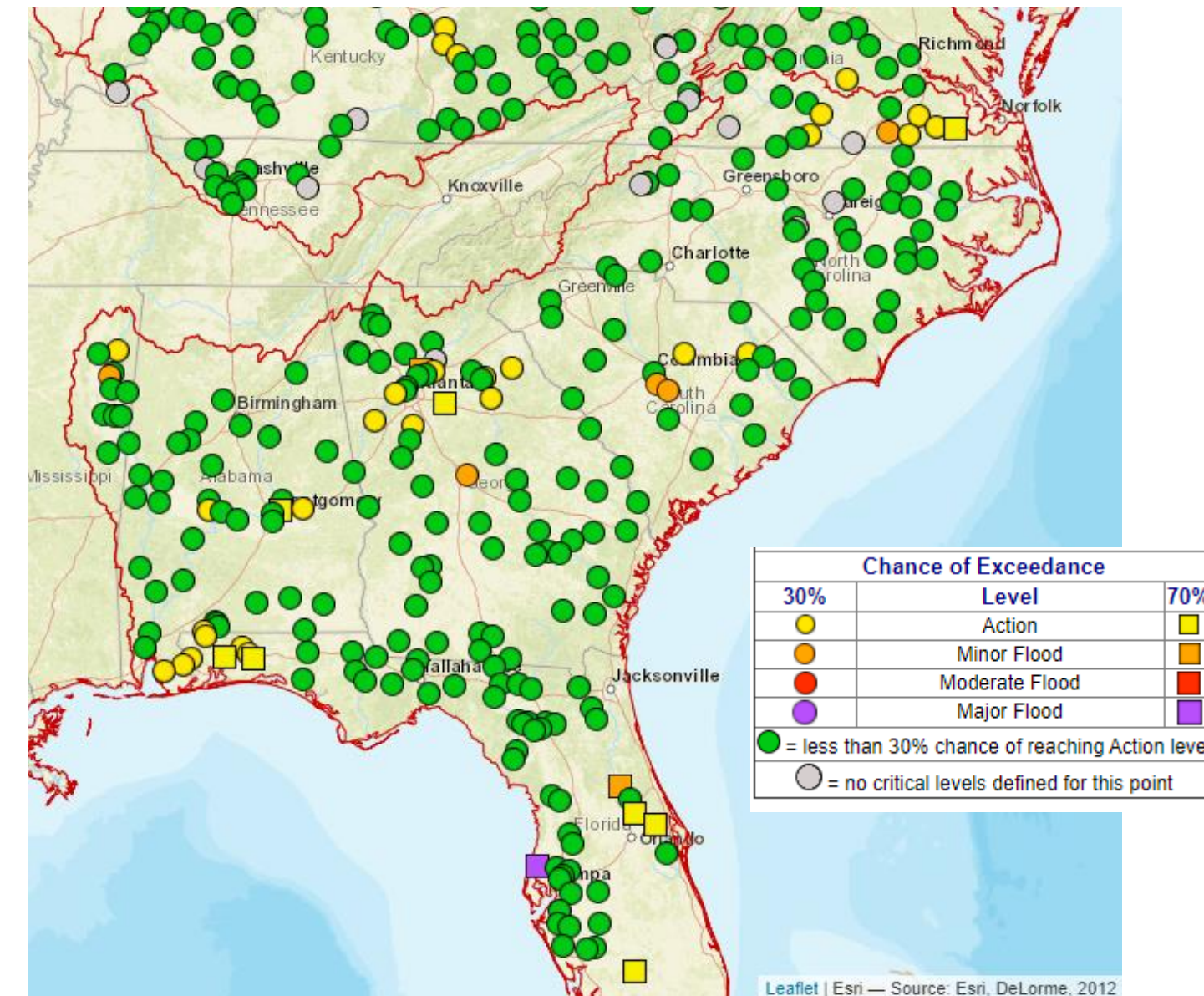


Here is the 5-day rainfall forecast from the Weather Prediction Center which goes from 8 am this morning until 8 am on Saturday. Most of the rain associated with Zeta will end overnight on Thursday.

The heaviest rainfall will be along and near the path of Zeta. While forecasts have been pretty consistent, the path could shift and change the area receiving heavy rain.

Please continue to watch in the coming days for changes.





While the rainfall is currently outside the 48-hr window used by our operational forecasts, we can look at MMEFS to get a sense of rainfall scenarios into this week. Given the current forecasts, we are seeing the possibility of minor floods mostly along the storm's path.

Please go take a look at the output from MMEFS and check back for updates.

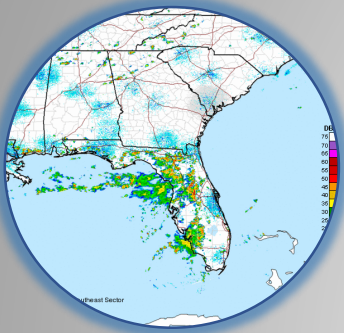
<https://www.weather.gov/erh/mmeefs>



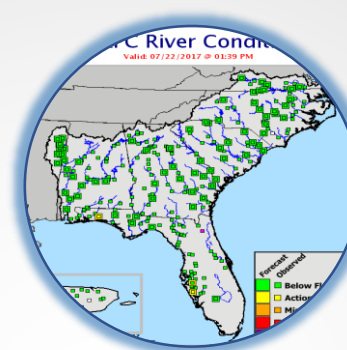
- SERFC is on normal operating hours. Normal hours are 6 am to 10 pm EDT. Please contact us if you have any questions or concerns.
- Briefings will continue through at least Thursday.

Latest River Stages and Forecasts  
are available...click here!

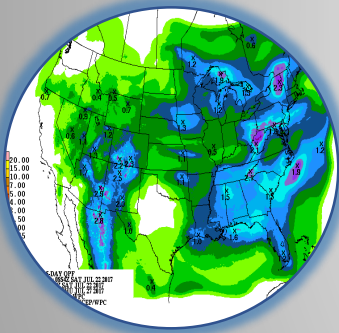
Please send all operational correspondence to  
[sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) or call the office directly.



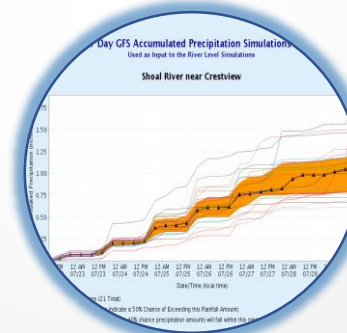
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[MMEFS – Ensemble River Forecasts](#)





- *The Decision Support briefing will continue over the next few days to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email [sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) or contact your local NWS Weather Forecast Office.*
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